I hereby certify that on attached or enclosed) is being deposited with the United States Postal Service with sufficient postage in an envelope addressed to: Commissioner for Palents, P.O. Box 1450, Alexandria, VA 22313-1450.

□37 C.F.R. § 1.8(a) with sufficient postage

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PATENT

Attorney Docket No.: 51302-00002 (14353-12)

asso

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ant: Acey

Acey et al.

Serial No.:

10/797,748

Filed:

March 9, 2004

Title:

METAL BINDING PROTEINS AND

ASSOCIATED METHODS

Examiner: Unassigned

Conf. No.:

Art Unit:

1645

4003

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §§ 1.56. 1.97 AND 1.98

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In compliance with the duty of disclosure under 37 C.F.R. §§ 1.56. 1.97 and 1.98, and in accordance with the provisions in the Manual of Patent Examining Procedure §§609 and 707.05(b), enclosed is a copy of the substitute for FORM PTO-1449 listing the references that are known to applicant. Applicants enclose copies of each of the listed references which are not U.S. patents.

This art is being filed for consideration in compliance with § 1.97 within the following time period:

37 C.F.R. § 1.97(a)(3) This information is being filed for consideration and entry before the mailing of a first Office Action on the merits.

The submission of the above-described documents does not constitute an admission nor should it be construed as a representation that: a search has been made, or that it is material to patentability as defined in § 1.56(b).

Applicant reserves the right to antedate or otherwise remove the documents as references.

Page 2 of 2

Attorney Docket No.: 51302-00002

It is respectfully requested that the listed references be considered in the examination of this application and identified on the list of references cited on the patent issuing for this application. Applicant also requests that an initialed copy of the substitute for FORM PTO-1449 be entered in the application file and returned to applicant with the next communication from the Office in accordance with MPEP § 609.

The Examiner is invited to contact the undersigned by telephone if it is felt that a telephone interview would advance the prosecution of the present application. Applicants believe no fee is due with this filing, however, if it is deemed that a fee is due, the Director is hereby authorized to charge any fees or credit any overpayments to Deposit Account No. 50-3207 associated with this response.

Respectfully submitted,

PRESTON GATES & ELLIS, LLP

LOUIS CULLMAN

Attorney for Applicant

Registration No. 39,645

Date

Contact information below for inquiries regarding the above submission:

Customer Number 45,200

Louis C. Cullman Preston Gates Ellis LLP 1900 Main Street, Suite 600 Irvine, California 92614-7319 (949) 253-0900 Telephone (949) 253-0902 Fax

Enclosures: PTO-1440 and non-US references cited thereon

PCT International Search Report

Approved for use through 07/31/2006.OMB 0651-0031

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Complete if Known

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

10/797,748 Application Number 03/09/2004 Filing Date Acey et al. First Named Inventor 1645 **Group Art Unit Examiner Name** Unassigned

(use as many sheets as necessary**)**

51302-00002 (14353-0012) Attorney Docket Number of Sheet

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
		Number-Kind Code ^{2 (if known)}	IVIIVI-DD-1111		Figures Appear
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Examiner Initials	Cite No.1	Office ³	Number ⁴	Kind Code⁵	Name of Patentee or Applicant of Cited Document	Date of Publications of Cited Documents MM-DD-YYYY	Relevant Passages or Relevant Figures Appear	T ⁶
	<u> </u>	PCT	US02/17273	1	Roger A. Acey	06/19/03		

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
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		VALLS et al., Engineering a mouse metallothionein on the cell surface of Ralstonia europha CH34 for immobilization of heavy metals in soil. Nature Biotechnology, 2000, Vol. 18 pages 661-665.	
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Examiner	Date	
Signature	Considered	
Olginatal C	 "	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.4. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent documents. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 'Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to processO and application. Confidentiality is governed by 35 USC 122 and 37 CFR 1.97 and 1.95. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to processO and application. Confidentiality is governed by 35 USC 122 and 37 CFR 1.14. This collection is stitmated to take 2.0 hours to complete, including gathering, preparing, and submitting the completed application for to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, Patent and Trademark Office, US Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.